

REMARKS

Claims 1-8 are pending in this application. Claims 1-8 stand. By this Amendment, claim 2 has been amended. The amendment made to the claim does not alter the scope of the claim, nor has this amendment been made to define over the prior art. Rather, the amendment to the claim has been made to improve the form thereof. In light of the amendments and remarks set forth below, Applicant respectfully submits that each of the pending claims is in immediate condition for allowance.

Paragraph 3 of the Office Action rejects claims 1-8 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,665,344 ("Fimoff"). Applicant respectfully requests reconsideration and withdrawal of this rejection.

To anticipate a claim under 35 U.S.C. § 102, the cited reference must disclose every element of the claim, as arranged in the claim, and in sufficient detail to enable one skilled in the art to make and use the anticipated subject matter. See, PPG Industries, Inc. v. Guardian Industries Corp., 75 F.3d 1558, 1566 (Fed. Cir. 1996); C.R. Bard, Inc. v. M3 Sys., Inc., 157 F.3d 1340, 1349 (Fed. Cir. 1998). A reference that does not expressly disclose all of the elements of a claimed invention cannot anticipate unless all of the undisclosed elements are inherently present in the reference. See, Continental Can Co. USA v. Monsanto Co., 942 F.2d 1264, 1268 (Fed. Cir. 1991).

Among the limitations of independent claims 1, 5, and 6 not present in the cited reference is:

“means for ... performing inverse discrete cosine transform in 4 by 8 pixels when the mode is a discrete cosine transform mode”

The Office Action asserts that Applicant's claimed means for performing inverse discrete cosine transform in 4 x 8 pixels when the mode is a discrete cosine transform mode is disclosed in column 8, lines 52-56. Applicant respectfully disagrees. Lines 52-56 state that the DCT coefficient blocks from the Huffman and run/level decoder and the inverse quantizer are provided to an IDCT module 102 of the down converting decoder 100. Other information such as DCT type (frame or field) and picture type (frame or field) are provided to the IDCT module 102 from the data parser. However, at no time does this portion of Fimoff discuss performing an inverse discrete cosine transformation in 4 x 8 pixels when the mode is a discrete cosine transform. Fimoff only operates on 2 x 2, 4 x 4, or 8 x 8 pixels. Therefore, Fimoff uses 1/2 pixel interpolation for thinning. As such, Fimoff fails to provide each and every limitation of Applicant's claim. Therefore, Applicant respectfully requests withdrawal of the rejection and allowance of claims 1, 5, and 6.

Among the limitations of independent claim 2 not present in the cited art is the thinning being performed using even or odd lines in a top field and the other type line in a bottom field. In Fimoff, thinning is performed using half pixel interpolation. However, Applicant's thinning is neither disclosed nor inherent in Fimoff. As such, Applicant respectfully requests withdrawal of the rejection and allowance of claim 2.

Claims 3 and 4 depend from, and contain all the limitations of claim 2. These dependent claims also recite additional limitations which, in combination with

the limitations of claim 2, are neither disclosed nor suggested by Fimoff and are also believed to be directed towards the patentable subject matter. Thus, claims 3 and 4 should also be allowed.

Applicant has responded to all of the rejections and objections recited in the Office Action. Reconsideration and a Notice of Allowance for all of the pending claims are therefore respectfully requested.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue.

If the Examiner believes an interview would be of assistance, the Examiner is welcome to contact the undersigned at the number listed below.

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Respectfully submitted,

By

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